

**INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION**

Applicants: T. Takagi et al. Attorney Docket No.: SNKYO126512
 Application No.: 10/555,076 International Application No.: PCT/JP2004/06100
 Mailed: October 28, 2005 International Filing Date: April 27, 2004
 Title: ADIPONECTIN PRODUCTION ENHANCER

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
<u>KLB</u>	U1	4,231,938	A	11/04/1980	Monaghan et al.
<u>KLB</u>	U2	4,346,227	A	08/24/1982	Terahara et al.
<u>KLB</u>	U3	4,444,784	A	04/24/1984	Hoffman et al.
<u>KLB</u>	U4	4,739,073	A	04/19/1988	Kathawala
<u>KLB</u>	U5	5,006,530	A	04/09/1991	Angerbauer et al.
<u>KLB</u>	U6	5,260,440	A	11/09/1993	Hirai et al.
<u>KLB</u>	U7	5,273,995	A	12/28/1993	Roth
<u>KLB</u>	U8	5,854,259	A	12/29/1998	Fujikawa et al.
<u>KLB</u>	U9	5,856,336	A	01/05/1999	Fujikawa et al.

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
<u>KLB</u>	F1	JP 9-71540	A	03/18/1997	JP		
<u>KLB</u>	F2	WO 00/56403	A1	09/28/2000	WO		
<u>KLB</u>	F3	WO 01/76573	A2	10/18/2001	WO		

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
<u>KLB</u>	O1	Arita, Y., et al., "Adipocyte-Derived Plasma Protein Adiponectin Acts as a Platelet-Derived Growth Factor-BB-Binding Protein and Regulates Growth Factor-Induced Common Postreceptor Signal in Vascular Smooth Muscle Cell," <i>Circulation</i> 105:2893-2898, June 18, 2002.

*Examiner Cite
Initial No.

- 74B O2 Arita, Y., et al., "Paradoxical Decrease of an Adipose-Specific Protein, Adiponectin, in Obesity," *Biochemical and Biophysical Research Communications* 257(1):79-83, 1999.
- 74B O3 Bellosta, S., et al., "Pleiotropic Effects of Statins in Atherosclerosis and Diabetes," *Diabetes Care* 23(Suppl. 2), April 2000, 1 p. (abstract), retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=10860194&query_hl=2&itool=pubmed_DocSum> [retrieved October 5, 2005].
- 74B O4 Berg, A.H., et al., "The Adipocyte-Secreted Protein Acrp30 Enhances Hepatic Insulin Action," *Nature Medicine* 7(8):947-953, August 2001.
- 74B O5 Chaudhuri, A., "Vascular Reactivity in Diabetes Mellitus," *Current Diabetes Reports* 2:305-310, 2002.
- 74B O6 Cingözbay, B.Y., et al., "Effects of Fluvastatin Treatment on Insulin Sensitivity in Patients With Hyperlipidaemia," *Journal of International Medical Research* 30:21-25, 2002.
- 74B O7 Combs, T.P., et al., "Endogenous Glucose Production Is Inhibited by the Adipose-Derived Protein Acrp30," *Journal of Clinical Investigation* 108(12):1875-1881, December 2001.
- 74B O8 Freeman, D.J., et al., "Pravastatin and the Development of Diabetes Mellitus: Evidence for a Protective Treatment Effect in the West of Scotland Coronary Prevention Study," *Circulation* 103:357-362, January 23, 2001.
- 74B O9 Hotta, K., et al., "Circulating Concentrations of the Adipocyte Protein Adiponectin Are Decreased in Parallel With Reduced Insulin Sensitivity During the Progression to Type 2 Diabetes in Rhesus Monkeys," *Diabetes* 50:1126-1133, May 2001.
- 74B O10 Komai, T., "Effect of Statins on Glucose Metabolism," *Bio Clinica* 17(10):68-73, 2002.
- 74B O11 Kondo, H., et al., "Association of Adiponectin Mutation With Type 2 Diabetes: A Candidate Gene for the Insulin Resistance Syndrome," *Diabetes* 51:2325-2328, July 2002.
- 64B O12 Lindsay, R.S., et al., "Adiponectin and Development of Type 2 Diabetes in the Pima Indian Population," *Lancet* 360:57-58, July 6, 2002.

*Examiner Cite
Initial No.

- 74B O13 MacMahon, S., et al., "Effects of Lowering Average or Below-Average Cholesterol Levels on the Progression of Carotid Atherosclerosis, Levels on the Progression of Carotid Atherosclerosis: Results of the LIPID Atherosclerosis Substudy," *Circulation* 97:1784-1790, May 12, 1998.
- 74B O14 Maeda, K., et al., "cDNA Cloning and Expression of Novel Adipose Specific Collagen-Like Factor, apM1 (Adipose Most Abundant Gene Transcript 1)," *Biochemical and Biophysical Research Communications* 221(2):286-289, 1996.
- 74B O15 Maeda, N., et al., "PPAR γ Ligands Increase Expression and Plasma Concentrations of Adiponectin, an Adipose-Derived Protein," *Diabetes* 50:2094-2099, September 2001.
- 74B O16 Mangaloglu, L., et al., "Treatment With Atorvastatin Ameliorates Hepatic Very-Low-Density Lipoprotein Overproduction in an Animal Model of Insulin Resistance, the Fructose-Fed Syrian Golden Hamster: Evidence That Reduced Hypertriglyceridemia Is Accompanied By Improved Hepatic Insulin Sensitivity," *Metabolism* 51(4):409-418, April 2002.
- 74B O17 McFarlane, S.I., et al., "Clinical Review 145: Pleiotropic Effects of Statins: Lipid Reduction and Beyond," *Journal of Clinical Endocrinology & Metabolism* 87(4):1451-1458, April 2002.
- 74B O18 McVeigh, G.E., and J.N. Cohn, "Endothelial Dysfunction and the Metabolic Syndrome," *Current Diabetes Reports* 3:87-92, 2003.
- 74B O19 Okamoto, Y., et al., "Adiponectin Reduces Atherosclerosis in Apolipoprotein E-Deficient Mice," *Circulation* 106:2767-2770, November 26, 2002.
- 74B O20 Ouchi, N., et al., "Adipocyte-Derived Plasma Protein, Adiponectin, Suppresses Lipid Accumulation and Class A Scavenger Receptor Expression in Human Monocyte-Derived Macrophages," *Circulation* 103:1057-1063, February 27, 2001.
- 74B O21 Ouchi, N., et al., "Adiponectin, an Adipocyte-Derived Plasma Protein, Inhibits Endothelial NF- κ B Signaling Through a cAMP-Dependent Pathway," *Circulation* 102:1296-1301, September 12, 2000.
- 74B O22 Ouchi, N., et al., "Novel Modulator for Endothelial Adhesion Molecules: Adipocyte-Derived Plasma Protein Adiponectin," *Circulation* 100:2473-2476, December 21/28, 1999.
- 74B O23 Paolisso, G., et al., "Effects of Simvastatin and Atorvastatin Administration on Insulin Resistance and Respiratory Quotient in Aged Dyslipidemic Non-Insulin Dependent Diabetic Patients," *Atherosclerosis* 150:121-127, 2000.

*Examiner Initial	Cite No.	
<u>7/5B</u>	O24	Reaven, G.M., "Role of Insulin Resistance in Human Disease," <i>Diabetes</i> 37:1595-1607, December 1988.
<u>7/53</u>	O25	Ross, R., "The Pathogenesis of Atherosclerosis: A Perspective for the 1990s," <i>Nature</i> 362:801-809, April 29, 1993.
<u>7/58</u>	O26	Shepherd, J., et al., "Pravastatin in Elderly Individuals at Risk of Vascular Disease (Prosper): a Randomised Controlled Trial," <i>Lancet</i> 360:1623-1630, November 23, 2003.
<u>7/5B</u>	O27	Sorisky, A., "Molecular Links Between Obesity and Cardiovascular Disease," <i>American Journal of Therapeutics</i> 9:516-521, 2002.
<u>7/53</u>	O28	Weyer, C., et al., "Hypoadiponectinemia in Obesity and Type 2 Diabetes: Close Association With Insulin Resistance and Hyperinsulinemia," <i>Journal of Clinical Endocrinology & Metabolism</i> 86(5):1930-1935, 2001.
<u>7/5B</u>	O29	Yamauchi, T., et al., "The Fat-Derived Hormone Adiponectin Reverses Insulin Resistance Associated With Both Lipoatrophy and Obesity," <i>Nature Medicine</i> 7(8):941-946, August 2001.
<u>7/53</u>	O30	Yokota, T., et al., "Adiponectin, a New Member of the Family of Soluble Defense Collagens, Negatively Regulates the Growth of Myelomonocytic Progenitors and the Functions of Macrophages," <i>Blood</i> 96(5):1723-1732, September 1, 2000.
<u>7/5B</u>	O31	Zoccali, C., et al., "Adiponectin, Metabolic Risk Factors, and Cardiovascular Events Among Patients With End-Stage Renal Disease," <i>Journal of the American Society of Nephrology</i> 13:134-141, 2002.

Examiner

Date Considered

7/5B

7/5/07

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

GER:mk/dmg